(4-Amino-1-bydroxybutylidene)bis-obosphonate alendromate* clodronais*

Astra: Boehringer Mannheim;

Graffi: Leiras: Rhibe-Poulenc Roser

O OH O

[1-Hydroxy-3-(1-pyrrolidinyl)-propylidene]bis-phosphonzte EB-1053 (1-Hydroxyethylidene)-bis-phosp etidronates Garrillo Process & Combis

CH3
(CH2)4

O (CH2)2

O (CH2)2

O P — C — P == O

O OH O O

0- NH 0-0-P-C-P-0 1 H 0-

[1-Hydroxy-3-(methylpentylamino) propylidene [bis-phosphonata ibandromata a

[(Cycloheptylamino)-methylene]bis-phosphonate incadronate Vananouchi

Boehringer Manukeim

O- (CH₂)₂ O-O-P-C-P-O I I I O- OH O-

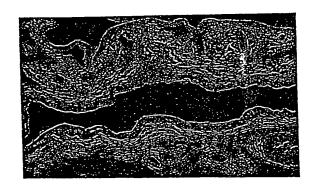
(6-Amino-1-hydroxyhexylidene)bis-phosphonate neridronate Gentili

[3-(Dimethylamino)-1-hydroxypropylidene [bis-phosphonate olpadronate Gador

(N) (1-1) (1

Substitute Draving Fig. 1 Submotted have been

No Alendronate



Alendronate at 0.25 mg P/kg/day

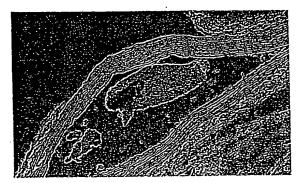


Fig 2

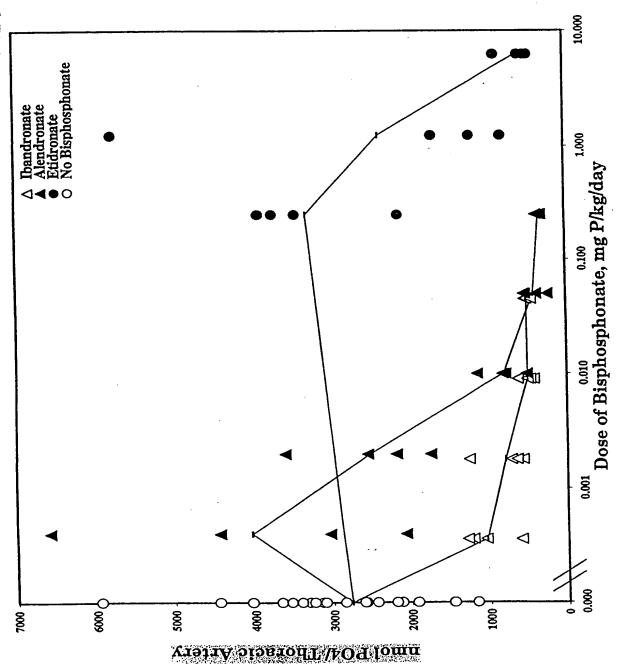


Fig 4

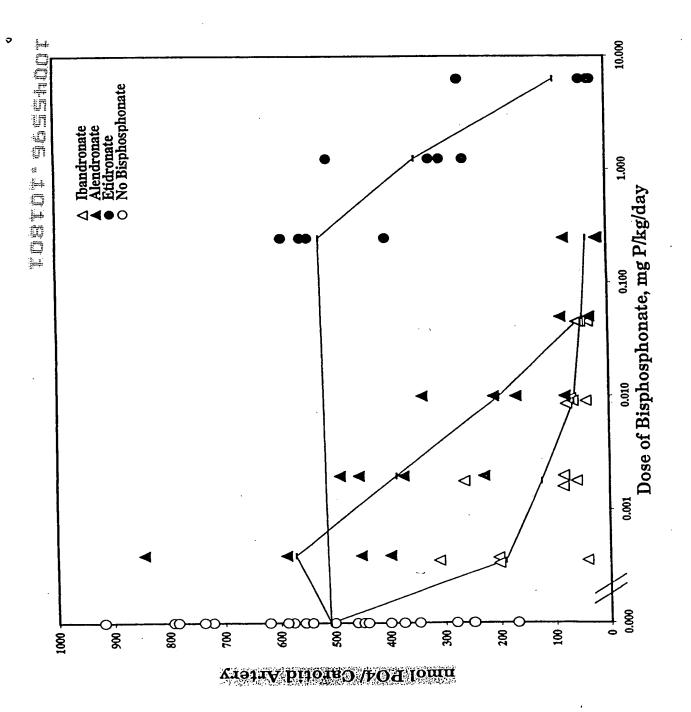


Fig 5

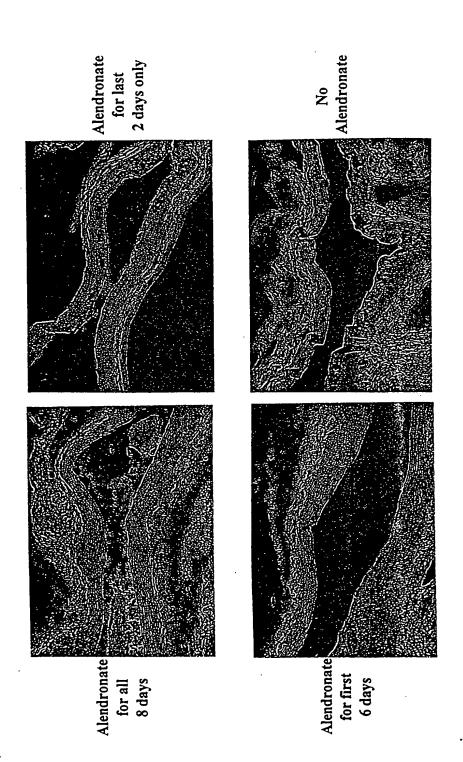


Fig 6

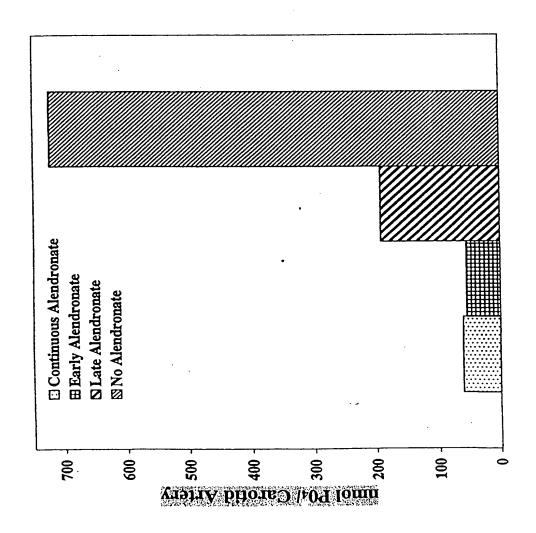
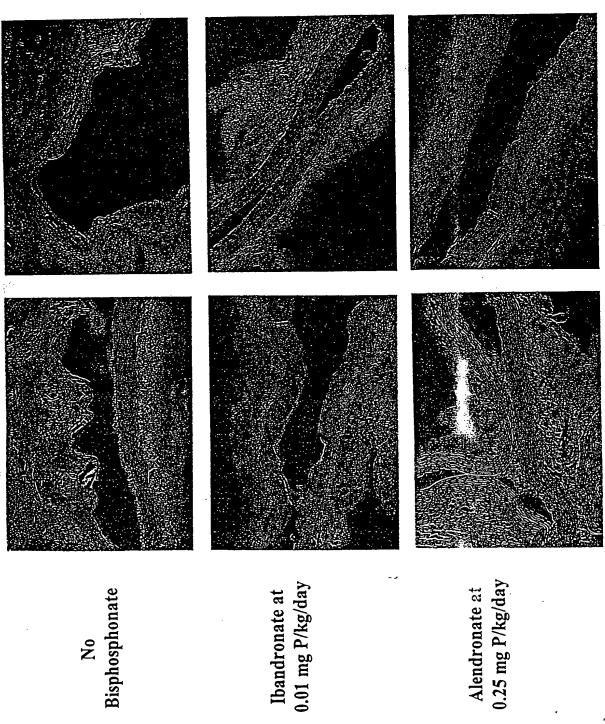


Fig 7



No Bisphosphonate

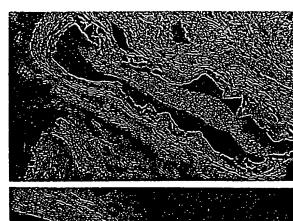
Alendronate at 0.25 mg P/kg/day

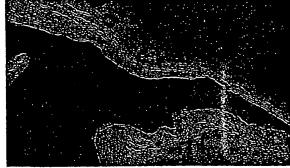
Fig 8

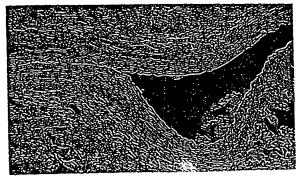
No Alendronate

Alendronate at 0.025 mg P/kg/day

Alendronate at 0.25 mg P/kg/day









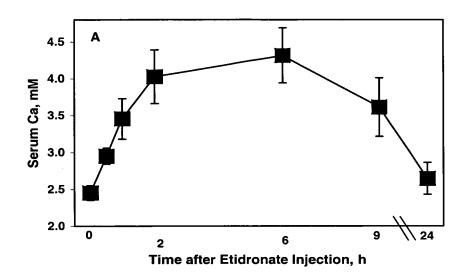


Fig 9A

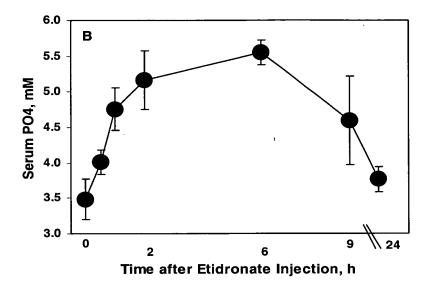


Fig. 9B



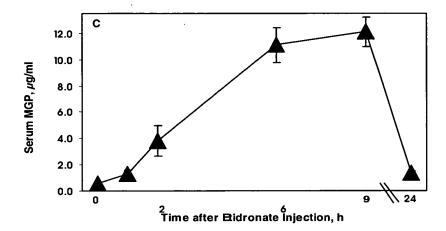


Fig. 9C

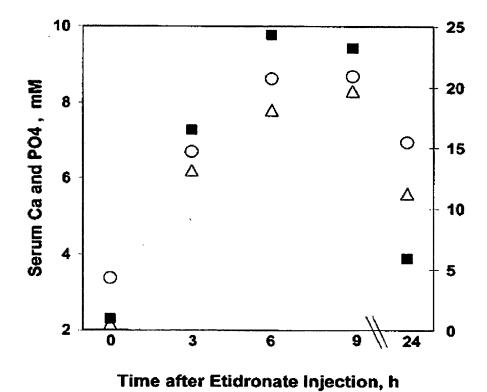


Fig. 10

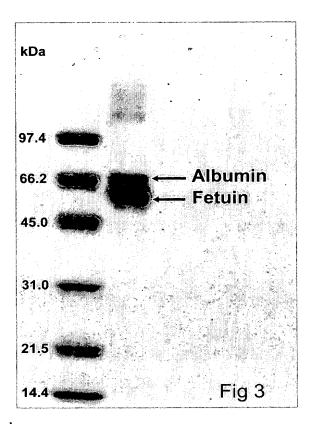


Fig. 11

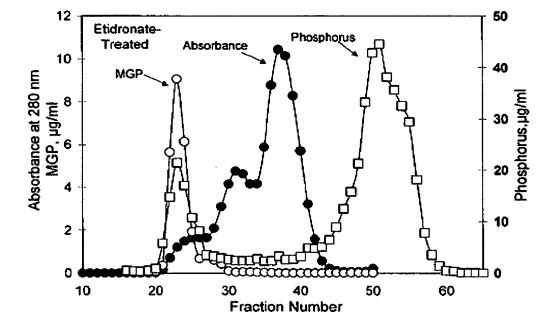


Fig. 12A

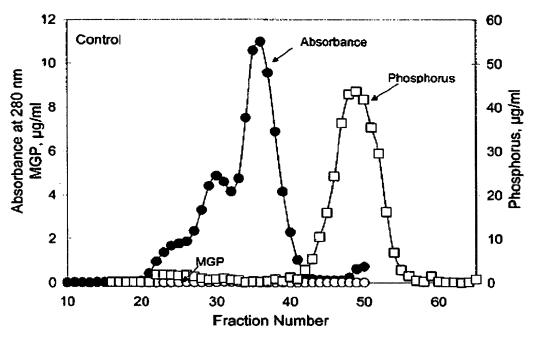


Fig. 12B

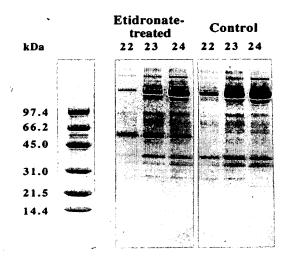
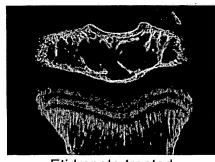
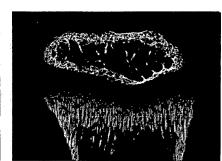


Fig. 13







Control

Fig. 14

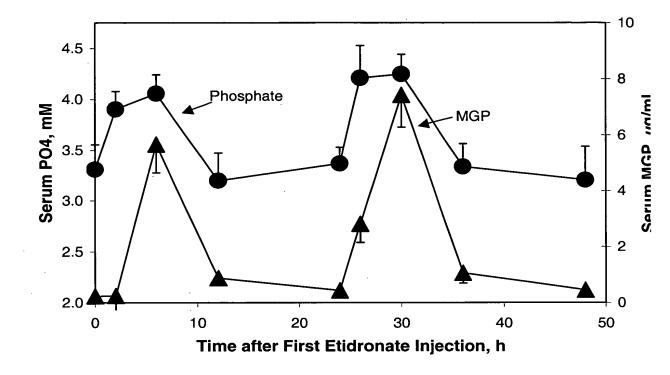


Fig. 15

25

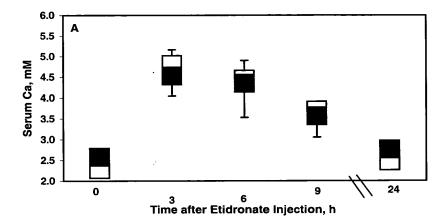


Fig. 16A

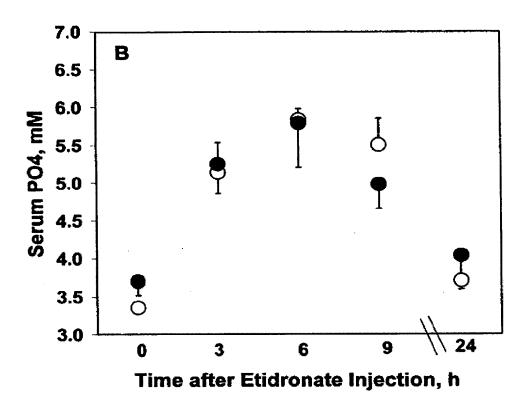


Fig. 16B

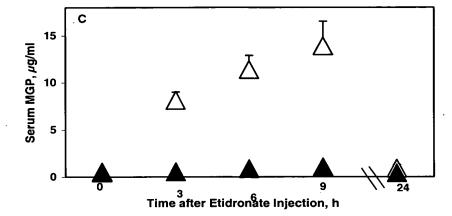


Fig. 16C